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**From:** Hodgkiss, Miranda [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=9D441DDB44AC4ED486058D2C2690B977-HODGKISS, MIRANDA]  
**Sent:** 10/29/2018 11:20:32 PM  
**To:** Kolosseus, Andrew (ECY) [AKOL461@ECY.WA.GOV]  
**CC:** Figueroa-Kaminsky, C. (ECY) [cfig461@ECY.WA.GOV]; Weiss, Leanne (ECY) [lewe461@ECY.WA.GOV]  
**Subject:** RE: Deschutes Files  
**Attachments:** Bacteria TMDL Calculations\_draft to Ecology.xlsx

Ok, that helps to know that you used what Chris sent you without modifications. If you happen to come across the email/calculations from him, that would help. The latest version he located for me (attached) doesn't quite match up with what was in the submittal, which makes me think that he revised the flow in another iteration. Unfortunately, it seems to be missing on our end for the time being, but we will keep looking!

Thanks,

Miranda

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**From:** Kolosseus, Andrew (ECY) <AKOL461@ECY.WA.GOV>  
**Sent:** Monday, October 29, 2018 10:30 AM  
**To:** Hodgkiss, Miranda <Hodgkiss.Miranda@epa.gov>  
**Cc:** Figueroa-Kaminsky, C. (ECY) <cfig461@ECY.WA.GOV>; Weiss, Leanne (ECY) <lewe461@ECY.WA.GOV>  
**Subject:** RE: Deschutes Files

Either Chris is mistaken or it was somebody other than me. I wasn't involved in any of the analysis – I just took his numbers and attached it as an appendix in our letter to EPA. Happy to look at the spreadsheet, but I don't even remember see a spreadsheet. Sorry.

Andrew

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**From:** Hodgkiss, Miranda [mailto:Hodgkiss.Miranda@epa.gov]  
**Sent:** Monday, October 29, 2018 10:26 AM  
**To:** Kolosseus, Andrew (ECY) <AKOL461@ECY.WA.GOV>  
**Cc:** Figueroa-Kaminsky, C. (ECY) <cfig461@ECY.WA.GOV>; Weiss, Leanne (ECY) <lewe461@ECY.WA.GOV>  
**Subject:** RE: Deschutes Files

Thanks, Andrew, and welcome back!

On the first bullet, I did end up getting some spreadsheets from Chris. What I got from him (some emails with spreadsheets attached) seemed like they were draft versions. He mentioned that Ecology made the final decision on what flow to use. Would it help to see what I have from him? I can forward those to you – just let me know. Does Ecology have any sort of 'final' spreadsheet or correspondence that documents the flow used?

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**From:** Kolosseus, Andrew (ECY) <AKOL461@ECY.WA.GOV>  
**Sent:** Monday, October 29, 2018 10:05 AM  
**To:** Hodgkiss, Miranda <Hodgkiss.Miranda@epa.gov>  
**Cc:** Figueroa-Kaminsky, C. (ECY) <cfig461@ECY.WA.GOV>; Weiss, Leanne (ECY) <lewe461@ECY.WA.GOV>  
**Subject:** Deschutes Files

Miranda:

I heard you were looking for files, and I have some that may be helpful. For the "scenario versions", make sure you're getting the correct one by looking at the graphs in the 2015 Ecology TMDL (for example, **DO8** for DO and pH).

I'll send the files in a separate e-mail. Let me know if you don't get them. There are a number of files, but they are relatively small. The only QUAL2K file I have is the one we've already sent you.

On your first bullet, Chris Zell did all of the load calculations in his analysis, so you can get those directly from him.

Cristiana was looking for additional information, too.

Hope it helps.

Andrew

- Bacteria analysis spreadsheets (load calcs) \*I know Chris Zell helped with a lot of this work, and I am also checking with him to see what information he has, but if Ecology has anything to share, that would be great.
- Scenario versions of the QUAL2kw model
- Processing spreadsheets for inputs to the baseline QUAL2kw model (e.g., tributary inflows)
- Shade models, Delta Method spreadsheet models, and Thermal Infrared Surveys (TIR) along Deschutes
- Fine sediment analysis spreadsheets, including Washington Road Surface Erosion Model

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